



2035 Surface Transportation Plan Update

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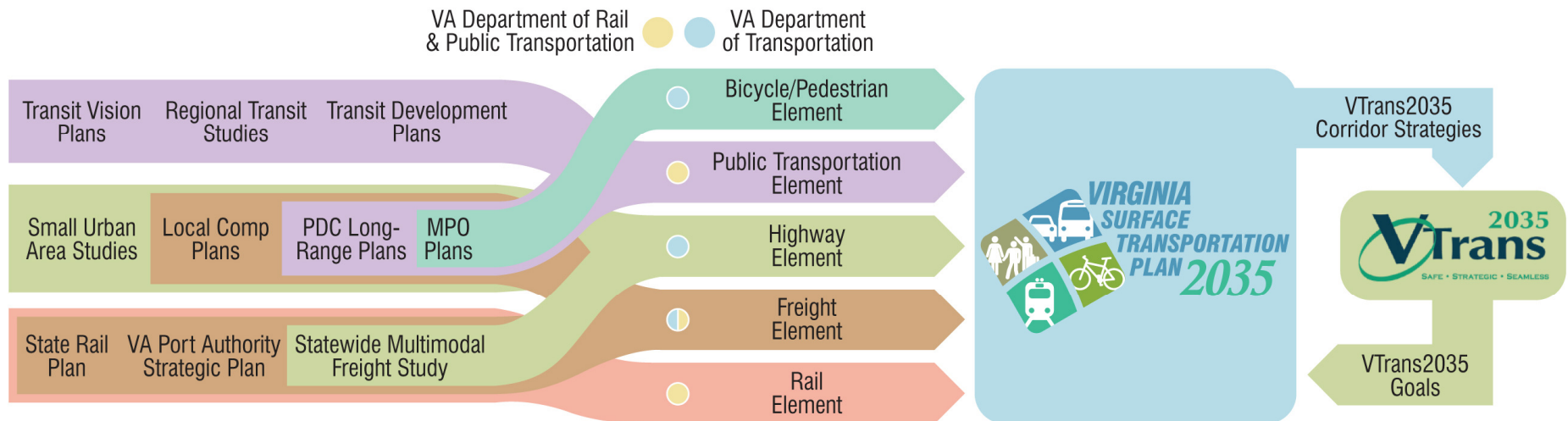
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2035 Surface Transportation Plan ~ An Overview

- **VTrans**: The POLICY foundation for transportation investments
- **Surface Transportation Plan**: Provides recommendations to support the VTrans2035 goals
- **December 2008 - Secretary of Transportation directed VDOT and DRPT to coordinate the development of a Surface Transportation Plan that:**
 - includes highway, transit, TDM, and rail recommendations
 - Identifies concurrent recommendations
 - improves the coordination of recommendations
- **Recommendations support VTrans2035 goals and corridor strategies**

2035 Virginia Surface Transportation Plan ~ Relationship to Other Planning Efforts



2035 Virginia Surface Transportation Plan ~ Purpose

- **The VSTP represents recommendations from state agency planning staff to the Secretary of Transportation (no action required)**
- **VDOT**
 - Used to assist decision makers in identifying recommendations for projects for SYIP
- **DRPT**
 - Provides DRPT with a Statewide Public Transportation Plan that links transit, TDM, ITS, and human service capital and operating requirements with programming state and federal funds
 - Provides DRPT with a solid foundation to efficiently and effectively invest in the growing, diverse, and dynamic need and demand for public transportation throughout the Commonwealth

Surface Transportation Plan ~ Public Transportation Element

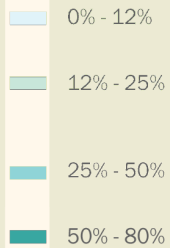
- ❑ Support Virginia's Existing Transit Service: Achieve and Maintain Virginia's Transit Assets in a State of Good Repair (SGR):
 - Plan for the operating cost of the existing transit service with state operating assistance
 - Commit to an ongoing investment to address the existing SGR backlog and then maintain the transit assets in a SGR
- ❑ Expand Transit Capacity Statewide
 - Expand transit capacity to meet the needs of a growing economy and population
 - Add economic lifeline service to areas that currently do not provide service and in areas that do not provide sufficient service
 - Expand Transportation Demand Management (TDM) and human service programs
 - Implement an ongoing investment in Intelligent Transportation Systems
- ❑ Invest in Major Capital Projects
 - Assist in managing congestion in large urban areas
 - Study, plan and construct rapid transit capital projects in rapidly growing areas that have the land use characteristics to support a major capital investment

VIRGINIA | PROJECTED POPULATION CHANGE (2010-2035) AND PROPOSED TRANSIT SERVICE IMPROVEMENTS



LEGEND

Projected Population Change



Transit Service Improvements

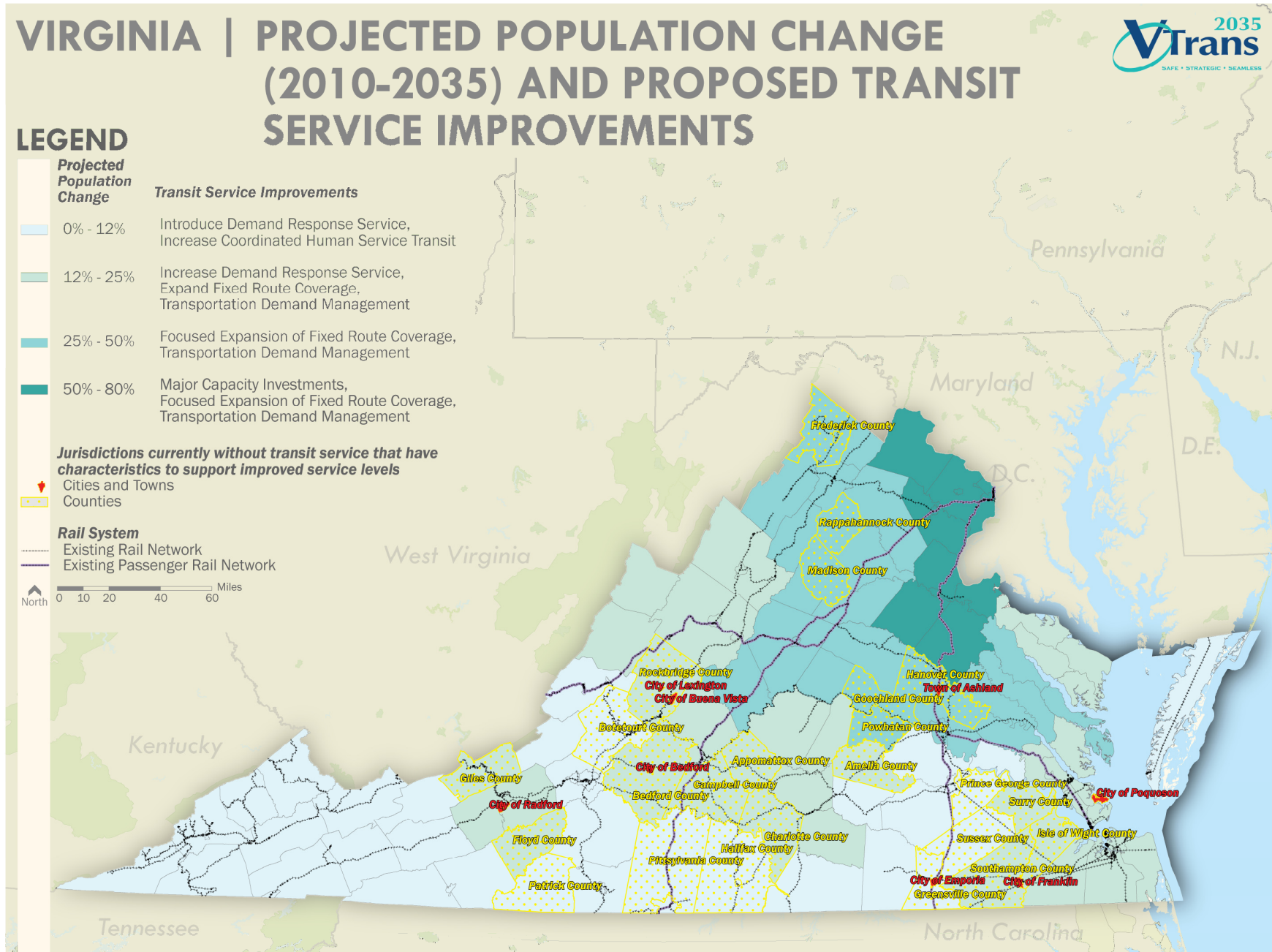
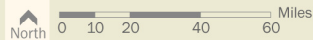
- 0% - 12% Introduce Demand Response Service, Increase Coordinated Human Service Transit
- 12% - 25% Increase Demand Response Service, Expand Fixed Route Coverage, Transportation Demand Management
- 25% - 50% Focused Expansion of Fixed Route Coverage, Transportation Demand Management
- 50% - 80% Major Capacity Investments, Focused Expansion of Fixed Route Coverage, Transportation Demand Management

Jurisdictions currently without transit service that have characteristics to support improved service levels

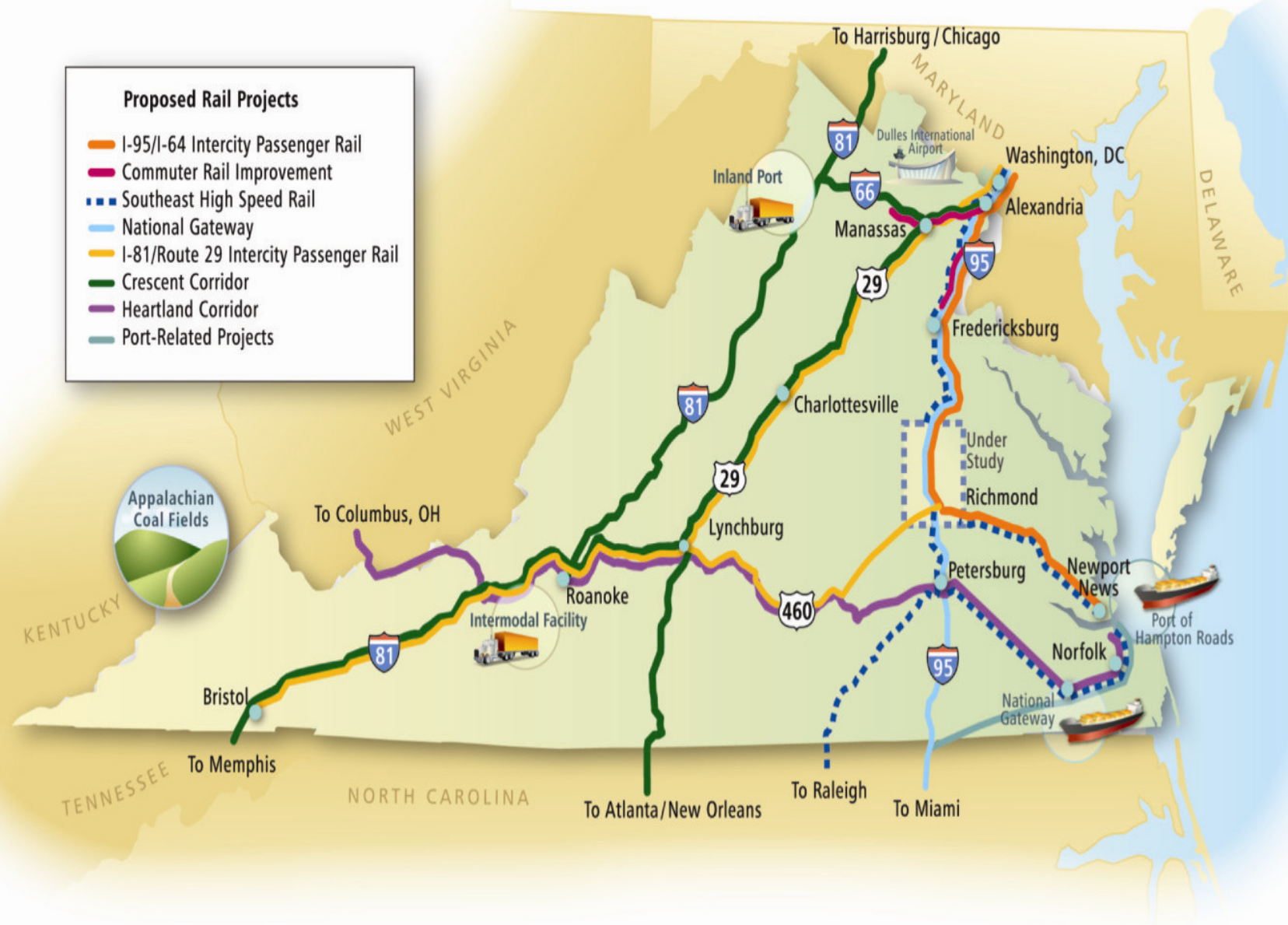
- Cities and Towns
- Counties

Rail System

- Existing Rail Network
- Existing Passenger Rail Network



Surface Transportation Plan ~ Passenger Rail Element



Surface Transportation Plan ~ Highway Element

- **2035 highway planning efforts focus on the Statewide Mobility System**
- **Highway system of statewide significance - 5,760 miles**
- **Routes comprised from:**
 - **National Highway System (NHS)**
 - Strategic Highway Network (STRAHNET)
 - STRAHNET connectors
 - Intermodal connectors
 - **Hurricane evacuation routes**
 - **Multilane primaries that provide regional connectivity**
 - **Other primaries that serve as vital links between jurisdictions**
- **Typically routes that support high-speed, long distance travel and permit inter-regional connectivity**
- **Although the SMS is comprised of just 8% of Virginia's highway miles, it accounts for 66% of all vehicle miles traveled on the Commonwealth's highway system**

2035 Surface Transportation Plan ~ VDOT Efforts

- **Highway Needs Assessment (includes consideration of bridge and pavement condition)**
 - Level of Service, capacity analysis
- **Roadway Inventory Update – Focused on SMS network**
- **Update traffic data**
- **Reviewed park-n-ride lot inventory and MPO CLRPs/transit plans for future commuter lot recommendations**
- **Coordinated with long range planning recommendations from:**
 - **MPOs – Constrained Long Range Plans**
 - **PDCs – Rural Long Range Plans**
 - **Localities – Small Urban Area Transportation Studies**

2035 Surface Transportation Plan ~ VDOT Efforts

- **Recommendations address:**
 - **Safety**
 - Crash Density
 - Pavement & structure condition
 - **Congestion**
 - Capacity Expansion
 - Transportation Demand Management (HOV, Park and Ride, Bike/Ped, etc)
 - **Operations/ITS**
- **Recommendations include short range/low cost improvements (STARS)**
- **Recommendations can be used to identify areas for potential public private partnership projects (PPTAs)**

Draft List of Suggested Highway Projects ~ Development and Review

- **September 2009 - Coordinated with MPOs and PDCs to review draft projects**
- **Including:**
 - **Recommendations to existing facilities**
 - **New alignments**
 - **Spot improvements – interchanges, intersections, turn lanes, etc.**
 - **Other improvements – access management, CD access lanes, re-striping, etc.**
 - **Park and Ride lots**
- **VSTP highway recommendations identify state needs and will be used to initiate a dialogue between the state and MPOs**

2035 Surface Transportation Plan ~ Coordinating Modal Plans

- **VDOT and DRPT staff coordinated modal recommendations**
- **The 2035 VSTP identifies concurrent recommendations**
- **Will facilitate the coordination of transit, rail and highway recommendations during major corridor studies**
- **Allows for early coordination of recommendations, will help minimize questions in the project planning process**
- **2035 VSTP comprised of two components**
 - **2035 VSTP Summary Map**
 - **2035 VSTP Report Plan**

2035 Virginia Surface Transportation Plan ~ Next Steps

- **VDOT and DRPT staff presenting draft 2035 VSTP to VDOT District Administrators and Commonwealth Transportation Board Members**
- **Draft 2035 VSTP to be available during a 30-day, web-based public comment period**
- **Next update of VSTP will focus on integration of multimodal recommendations**